

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| L1 | 3 | ("3150446").URPN. | USPAT | OR | OFF | 2005/08/17 14:16 |
| L2 | 29698 | ((groove channel) same (braz\$3 solder\$3)) and (pipe tube annular sleeve) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/17 14:18 |
| L4 | 2059 | ((groove channel) same (braz\$3 solder\$3)) and (pipe tube annular sleeve).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/17 14:22 |
| L6 | 903 | ((groove channel) with (braz\$3 solder\$3)) and (pipe tube annular sleeve).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/17 14:25 |
| L7 | 134 | ((groove channel) with (braz\$3 solder\$3)) and (pipe tube annular sleeve).ti. and (protrusion projection) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/17 14:25 |
| L8 | 11 | ("3942141").URPN. | USPAT | OR | OFF | 2005/08/17 14:36 |
| L9 | 7 | ("5333918").URPN. | USPAT | OR | OFF | 2005/08/17 14:37 |
| L10 | 22 | ("0006488" "0150109" "1744932" "2216033" "3065533" "3078551" "3846903" "4043500" "4090657" "4272006" "4317269" "4519537" "4676427" "4726508" "4768385" "5071174").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/17 14:38 |
| L11 | 2 | ("3813587" "4862247").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/17 14:41 |
| L12 | 0 | ("2004/0088999").URPN. | USPAT | OR | OFF | 2005/08/17 14:44 |
| L13 | 13 | unger-reuven-\$in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 14:44 |
| L14 | 6 | unger-reuven.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 14:45 |

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| L15 | 86 | 62/6.ccls. and (braz\$3 solder\$3) and ("heat exchanger" "heat transfer member" "radiator") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 14:55 |
| L16 | 23 | 62/6.ccls. and protrusion | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 14:55 |
| L20 | 266 | (braz\$3 solder\$3).ti. and (protrusion stepped) and (pipe tube sleeve annular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/17 15:05 |
| L22 | 178 | (braz\$3 solder\$3).ti. and (spacer) and (pipe tube sleeve annular) not ((apparatus machine device tool iron).ti. L20) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/17 15:17 |
| L23 | 999 | (braz\$3 solder\$3) and (spacer) and (pipe tube sleeve annular).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/17 15:19 |
| L24 | 238 | (braz\$3 solder\$3) and (spacer) and "285"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/17 15:23 |
| L25 | 109 | ((braz\$3 solder\$3) same (spacer)) and "285"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/17 15:29 |
| L26 | 444 | "285"/\$.ccls. and fillet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/17 15:31 |
| L27 | 86 | "285"/\$.ccls. and fillet and (braz\$3 solder\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/17 15:41 |
| L28 | 91 | "heat transfer member" and protrusion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/17 15:41 |
| S1 | 2 | ("6446336" "6293184").pn. | USPAT | OR | OFF | 2004/09/23 13:46 |

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| S2 | 13 | unger-reuven-\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/23 13:47 |
| S3 | 3 | unger-reuven.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/23 13:49 |
| S4 | 0 | hwang-dong.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/23 13:49 |
| S5 | 18 | hwang-dong-\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/23 13:51 |
| S6 | 25 | chung-woo-\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/23 13:51 |
| S7 | 25 | ("heat transfer member" "heat rejector") and (stirling) and piston and displacer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/23 14:54 |
| S8 | 50 | ("4311733" "4514241" "5256857" "5886407" "5972737" "4294630" "4309807" "4395025" "4424991" "4476856" "4770447" "5009376" "5995357" "6142356" "4249596" "4584688" "4611745" "4626295" "4764100" "4780373" "4800954" "4824530" "4917642" "4983064" "4984428" "5002218" "5011547" "5209290" "5265793" "5350436" "5421406" "5459812" "5476160" "5499450" "5535515" "5697431" "5712762" "5751062" "5783314" "5794838" "5798006" "5799397" "5806583" "5875095" "5894886" "5900673" "5927397" "5941304" "5967804" "5995711").pn. | USPAT | OR | OFF | 2004/09/23 14:54 |
| S9 | 294 | ("heat transfer member" "heat rejector" "heat exchanger") and stirling and piston and displacer and (refrigerator refrigeration cryocooler) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 08:17 |

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| S10 | 95 | ("heat transfer member" "heat rejector" "heat exchanger") and stirling.ti. and piston and displacer and (refrigerator refrigeration cryocooler) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 08:17 |
| S11 | 26 | 62/6.ccls. and brazing and stirling | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 07:28 |
| S12 | 4397 | "228"/\$.ccls. and brazing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 09:14 |
| S13 | 824 | "228"/\$.ccls. and brazing and (groove channel) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 09:15 |
| S14 | 172 | "228"/\$.ccls. and brazing and (groove channel) and ("heat exchanger") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 09:58 |
| S15 | 7 | ("3105293" "3443306" "3629932" "3733686" "3791026" "4459062" "4688691").PN. | USPAT | OR | OFF | 2004/09/24 09:20 |
| S16 | 6 | "3105293".URPN. | USPAT | OR | OFF | 2004/09/24 09:22 |
| S17 | 4 | ("2229405" "2938993" "3571908" "3962767").PN. | USPAT | OR | OFF | 2004/09/24 09:42 |
| S18 | 5 | ("2620830" "3411198" "3562887" "3590877" "3698067").PN. | USPAT | OR | OFF | 2004/09/24 09:52 |
| S19 | 18 | "4028789".URPN. | USPAT | OR | OFF | 2004/09/24 09:53 |
| S20 | 283 | "228"/\$.ccls. and brazing and (pipe tube sleeve).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 10:25 |
| S21 | 682 | brazing and (pipe tube sleeve).ti. and (spacer projection protrusion) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 10:26 |

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| S22 | 55 | brazing with (pipe tube sleeve).ti. and (spacer projection protrusion) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 10:26 |
| S23 | 9 | ("2017154" "3500538" "3823464" "4576325" "4915426" "5082070" "5160090" "5338072" "5511831").PN. | USPAT | OR | OFF | 2004/09/24 10:52 |
| S24 | 1 | 2000-670439.NRAN. | DERWENT | OR | OFF | 2004/09/24 10:55 |
| S25 | 1 | 1998-139249.NRAN. | DERWENT | OR | OFF | 2004/09/24 10:55 |
| S26 | 0 | "10015661".URPN. | USPAT | OR | OFF | 2004/09/24 10:56 |
| S27 | 640 | "285"/\$.ccls. and brazing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 10:57 |
| S28 | 489 | "285"/\$.ccls. and brazing and (groove bore channel projection protrusion spacer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 10:58 |
| S29 | 165 | "285"/\$.ccls. and brazing and (groove bore channel) and (projection protrusion spacer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 11:05 |
| S30 | 25 | "285"/\$.ccls. and "brazing material" and (groove bore channel vent) and (projection protrusion spacer flange) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 11:30 |
| S31 | 25 | "285"/\$.ccls. and "brazing material" and (groove bore channel vent) and (projection protrusion spacer flange) | USOCR | OR | ON | 2004/09/24 11:30 |
| S32 | 135 | 228/132.ccls. | USPAT | OR | OFF | 2004/09/24 12:25 |
| S33 | 0 | "20040088999".URPN. | USPAT | OR | OFF | 2004/09/24 12:21 |
| S34 | 51 | 228/133,134.ccls. | USPAT | OR | OFF | 2004/09/24 12:34 |
| S35 | 168 | 285/329.ccls. | USPAT | OR | OFF | 2004/09/24 12:34 |
| S36 | 7 | 285/329.ccls. and brazing | USPAT | OR | OFF | 2004/09/24 12:35 |
| S37 | 7 | 285/329.ccls. and brazing | USOCR | OR | OFF | 2004/09/24 12:36 |
| S38 | 11 | 285/330.ccls. and brazing | USOCR | OR | OFF | 2004/09/24 12:37 |
| S39 | 7 | 285/330.ccls. and brazing | USPAT | OR | OFF | 2004/09/24 12:42 |
| S40 | 3 | 285/332.4.ccls. and brazing | USPAT | OR | OFF | 2004/09/24 12:49 |
| S41 | 2 | 285/334.ccls. and brazing | USPAT | OR | OFF | 2004/09/24 12:49 |

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| S42 | 331 | 285/334.ccls. | USPAT | OR | OFF | 2004/09/24 13:00 |
| S43 | 853 | 285/331.ccls. | USPAT | OR | OFF | 2004/09/24 13:00 |
| S44 | 12 | 285/331.ccls. and brazing | USPAT | OR | OFF | 2004/09/24 13:26 |
| S45 | 11 | ("1703037" "1908020" "2033122" "2166078" "2460667" "2488229" "3198560" "3534986" "4161273" "4233726" "4887853").PN. | USPAT | OR | OFF | 2004/09/24 13:24 |
| S46 | 32 | 228/136.ccls. and brazing | USPAT | OR | OFF | 2004/09/24 13:58 |
| S47 | 7 | "5333918".URPN. | USPAT | OR | OFF | 2004/09/24 13:56 |
| S48 | 588 | 165/179.ccls. | USPAT | OR | OFF | 2004/09/24 14:21 |
| S49 | 58 | 165/179.ccls. and brazing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 14:26 |
| S50 | 51 | 165/179.ccls. and brazing | USOCR | OR | ON | 2004/09/24 14:33 |
| S51 | 57 | 165/180.ccls. and brazing | USOCR | OR | ON | 2004/09/24 14:38 |
| S52 | 45 | 165/180.ccls. and brazing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 14:48 |
| S53 | 39 | 62/6.ccls. and brazing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/24 14:57 |
| S54 | 3 | 62/6.ccls. and brazing | USOCR | OR | ON | 2004/09/24 14:57 |
| S55 | 8 | ("2397734" "2764879" "2784570" "4458489" "4967572" "5435140" "5664421" "5675974").PN. | USPAT | OR | OFF | 2004/09/24 15:18 |
| S56 | 4 | ("2229405" "2938993" "3571908" "3962767").PN. | USPAT | OR | OFF | 2004/09/24 15:33 |
| S57 | 2 | "4620662".URPN. | USPAT | OR | OFF | 2004/09/24 15:33 |
| S58 | 5 | ("2620830" "3411198" "3562887" "3590877" "3698067").PN. | USPAT | OR | OFF | 2004/09/24 15:35 |
| S59 | 18 | "4028789".URPN. | USPAT | OR | OFF | 2004/09/24 15:35 |
| S60 | 2 | "2936517".URPN. | USPAT | OR | OFF | 2004/09/24 15:37 |
| S61 | 0 | "2572593".URPN. | USPAT | OR | OFF | 2004/09/24 15:37 |

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| S62 | 9 | ("2017154" "3500538" "3823464" "4576325" "4915426" "5082070" "5160090" "5338072" "5511831").PN. | USPAT | OR | OFF | 2004/09/24 15:37 |
| S63 | 974 | brazing and vent and air | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 08:44 |
| S64 | 456 | brazing and vent with air | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 08:45 |
| S65 | 310 | brazing and vent with air and (pipe tube) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 08:45 |
| S66 | 97 | brazing and ((vent adj (bore hole channel)) with (air gas vapor)) and (pipe tube) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 09:08 |
| S67 | 48 | brazing same (vent adj (bore hole channel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 09:25 |
| S68 | 30 | ("62"/\$.ccls. "228"/\$.ccls. "285"/\$. ccls.) and brazing and (vent adj (bore hole channel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 09:26 |
| S69 | 8 | ("4139881" "4413766" "4650107" "4934426" "5445692" "5807626" "6195478" "6324316").PN. | USPAT | OR | OFF | 2004/09/27 09:34 |
| S75 | 13 | unger-reuven-\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 07:20 |
| S76 | 6 | unger-reuven.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 07:23 |

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|-----|------|--|---|----|-----|------------------|
| S77 | 1 | "base blocking protrusion" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 07:23 |
| S78 | 46 | 62/6.ccls. and brazing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 07:34 |
| S79 | 2451 | brazing.ti. and (tube pipe sleeve annular) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 07:34 |
| S80 | 277 | brazing.ti. and (tube pipe sleeve annular) and (groove channel) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 07:34 |
| S81 | 22 | ("0006488" "0150109" "1744932" "2216033" "3065533" "3078551" "3846903" "4043500" "4090657" "4272006" "4317269" "4519537" "4676427" "4726508" "4768385" "5071174").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/09 08:21 |
| S82 | 8 | ("5344717").URPN. | USPAT | OR | OFF | 2005/08/09 08:34 |
| S83 | 24 | 62/6.ccls. and protrusion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 08:42 |
| S84 | 100 | (brazed brazing).ti. and protrusion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 08:57 |
| S85 | 1744 | (brazed brazing) and protrusion and (groove channel) and (pipe tube sleeve annular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 08:57 |
| S86 | 125 | ((brazed brazing) same protrusion same (groove channel)) and (pipe tube sleeve annular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 13:57 |

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| S87 | 120 | ((brazed brazing) same protrusion same (groove channel)) and (pipe tube sleeve annular) not S84 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 08:58 |
| S88 | 85 | "285"/\$.ccls. and (braz\$3) and (protrusion) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 12:57 |
| S89 | 76 | "285"/\$.ccls. and (solder\$3) and (protrusion) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 12:57 |
| S90 | 53 | "285"/\$.ccls. and (solder\$3) and (protrusion) not S88 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 12:57 |
| S91 | 11 | ("3942141").URPN. | USPAT | OR | OFF | 2005/08/09 13:04 |
| S92 | 17 | ("1179091" "1525647" "2284530" "2402868" "2764431" "2859052" "3315186" "3587010" "3761114" "3784939").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/09 13:05 |
| S93 | 923 | "228"/\$.ccls. and protrusion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 13:20 |
| S94 | 404 | "228"/\$.ccls. and protrusion and (tube pipe sleeve annular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 13:20 |
| S95 | 179 | "228"/\$.ccls. and protrusion and (tube pipe sleeve annular) and (braz\$3 solder\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 13:29 |
| S96 | 264 | 138/142.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 13:43 |
| S97 | 2962 | ((braz\$3 solder\$3) same (protrusion groove channel)) and "heat exchanger" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 13:45 |

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| S98 | 54 | ((braz\$3 solder\$3) same (protrusion groove channel)) and "heat transfer member" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 13:48 |
| S99 | 1 | "internal heat transfer member" and "external heat transfer member" and "transition member" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 13:49 |
| S10 0 | 958 | ((braz\$3 solder\$3) same (protrusion stepped) same (groove channel)) and (pipe tube sleeve annular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 13:58 |
| S10 1 | 51 | ((braz\$3 solder\$3) with (protrusion stepped) with (groove channel)) and (pipe tube sleeve annular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 14:04 |
| S10 2 | 1114 | ((braz\$3 solder\$3) with (protrusion stepped)) and (pipe tube sleeve annular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 14:04 |
| S10 3 | 141 | ((braz\$3 solder\$3) with (protrusion stepped)) and (pipe tube sleeve annular).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 14:45 |
| S10 4 | 2 | "4829944".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 14:39 |
| S10 5 | 15 | ("4829944").URPN. | USPAT | OR | OFF | 2005/08/09 14:39 |
| S10 6 | 5 | ("4372120" "4515115" "4608948" "4643137" "4686944").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/09 14:40 |
| S10 7 | 265 | (braz\$3 solder\$3).ti. and (protrusion stepped) and (pipe tube sleeve annular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 15:13 |
| S10 8 | 3 | ("3150446").URPN. | USPAT | OR | OFF | 2005/08/09 14:52 |
| S10 9 | 1 | 1998-139249.NRAN. | DERWENT | OR | OFF | 2005/08/09 15:02 |

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|----------|-----|--|---|----|-----|------------------|
| S11 0 | 1 | ("5862976").URPN. | USPAT | OR | OFF | 2005/08/09 15:10 |
| S11 1 | 492 | (braz\$3 solder\$3).ti. and (protuberance projection nub) and (pipe tube sleeve annular) not S107 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 15:14 |
| S11 2 | 325 | (braz\$3 solder\$3).ti. and (protuberance projection nub) and (pipe tube sleeve annular) not (S107 iron.ti. machine.ti. apparatus.ti.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 15:16 |
| S11 3 | 342 | (braz\$3 solder\$3).ti. and (protuberance projection nub) and (pipe tube sleeve annular) not (apparatus machine device tool).ti. not S107 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 15:17 |
| S11 4 | 342 | (braz\$3 solder\$3).ti. and (protuberance projection nub) and (pipe tube sleeve annular) not ((apparatus machine device tool). ti. S107) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/09 15:17 |
| S11 5 | 282 | (braz\$3 solder\$3).ti. and (protuberance projection nub) and (pipe tube sleeve annular) not ((apparatus machine device tool iron).ti. S107) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/08/17 15:04 |
| S11 6 | 10 | ("3290772").URPN. | USPAT | OR | OFF | 2005/08/09 15:20 |
| S11 7 | 0 | ("3313604").URPN. | USPAT | OR | OFF | 2005/08/09 15:22 |
| S11 8 | 10 | ("3029505" "3078551" "3837688" "4119363" "4180700" "4186994" "4217137" "4841101").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/09 15:35 |
| S11 9 | 15 | ("3078551").URPN. | USPAT | OR | OFF | 2005/08/09 15:37 |
| S12 0 | 8 | ("3434018" "3740617" "3813587" "4862247" "5298768" "5310701" "5410451").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/17 12:00 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|----------|------------------|---------|------------------|
| L1 | 1 | ("heat transfer member" and "blocking protrusion").clm. | US-PGPUB | OR | ON | 2005/08/17 16:18 |
| L2 | 5 | ("heat transfer member" and "protrusion").clm. | US-PGPUB | OR | ON | 2005/08/17 16:19 |
| L3 | 188 | ((("heat transfer member" "heat exchanger" radiator) and "protrusion").clm. | US-PGPUB | OR | ON | 2005/08/17 16:19 |
| L4 | 1 | ((("heat transfer member" "heat exchanger" radiator) and "blocking protrusion").clm. | US-PGPUB | OR | ON | 2005/08/17 16:19 |
| L5 | 50 | ((("heat transfer member" "heat exchanger" radiator) and transition and "protrusion").clm. | US-PGPUB | OR | ON | 2005/08/17 16:20 |
| L6 | 18 | ((("heat transfer member" "heat exchanger" radiator) and transition and flat and "protrusion").clm. | US-PGPUB | OR | ON | 2005/08/17 16:20 |
| L7 | 4 | ((("heat transfer member" "heat exchanger" radiator) and (reciprocating stirling) and "protrusion").clm. | US-PGPUB | OR | ON | 2005/08/17 16:20 |
| L8 | 0 | ("2002/0178722").URPN. | USPAT | OR | OFF | 2005/08/17 16:21 |